

545OneDrive2_00015601

EPAct Light Duty Exhaust Fuel Effects Test Program

Cost and timing feedback
from SwRI

Program Costs

TABLE 6. BUDGETARY COST ESTIMATE FOR OPTIONS

| OPTION | A | B |
|---|--------------------|---|
| C | EX. 4 - CBI | |
| D | | |
| Optional non-VOCs (not included above) | | |

- Option A: 17 fuels, 19 vehicles (solo EPA effort)
- Option B : 23 fuels, 19 vehicles (with DOE contribution)
- Option C: Random fuels, repeat tests are back-to-back
- Option D: Every test is fully random (fuel and vehicle)
- “Optional non-VOC” work includes PM speciation and other unregulated measurements using SwRI proposed methods that we feel may result in **qualitative results only**. We’re working to develop equipment for this part of the program which will greatly improve the data quality.

Project Timing

- Testing estimated to begin in late March 2008
 - Most of that time is waiting for fuels (need to decide ASAP which option to select)
 - Time also required for test cell upgrades (for 50°F tests) and fuel drum storage capacity
- Ability to provide data for GHG rule (if starting 4/1/08):
 - SwRI can test 6 vehicles at a time, which means 27 tests/week
 - At this rate (plus 30% margin of safety):
 - Option A: Block of 6 vehicles and 20 fuels = **13 weeks** (e.g. 7/1/08)
 - Option B: Block of 6 vehicles and 26 fuels = **16 weeks** (e.g. 7/2/08)

Take Away Points

- We need to pick fuels (Option A vs. B) ASAP to meet March 08 start date
 - SwRI cost estimates are less than our internal estimates, making the larger (Option B) within our reach! Maybe we should run with this larger program without DOE commitment?
- Need to determine what data is important for GHG rule use since this effects the order in which fuels/vehicles are tested early in program
- We feel their “non-VOC” PM speciation proposal is inadequate and are in the process of designing our own collection methods. It is questionable that this will be ready by March 08 and would be better to push to the end of the program (or separate out entirely)